

CURRENT LISTING OF CLAIMS

The listing of claims below replaces all prior versions, and listings, of claims:

1           1.       (Previously Presented) A method of controlling software components in a  
2       processing system having plural nodes, comprising:  
3                    receiving a request to start the processing system;  
4                    launching a start routine in a first one of the nodes in response to the  
5       request;  
6                    the start routine causing a service to be invoked in each of the nodes;  
7                    determining one or more selected software components to start in each  
8       node; and  
9                    the services starting the selected software components in respective nodes  
10      of the processing system.

1           2.       (Previously Presented) The method of claim 1, wherein causing the  
2       services to be invoked comprises causing WINDOWS® services to be invoked.

1           3.       (Previously Presented) The method of claim 2, further comprising  
2       invoking the services with a WINDOWS® service control manager module.

1           4.       (Cancelled)

1           5.       (Previously Presented) The method of claim 1, wherein starting the  
2       selected software components comprises starting software components defined as  
3       WINDOWS® services.

1           6.       (Cancelled)

1           7.       (Currently Amended) The method of claim 1, further comprising running  
2       an instance of a manager module in each node, the instance of the ~~manger~~ manager  
3       module in each node responsive to the start routine to invoke the services.

1           8.       (Cancelled)

1           9.       (Previously Presented) The method of claim 1, wherein the first one of the  
2       nodes is a master node, wherein launching the start routine is performed in the master  
3       node.

1           10.      (Previously Presented) The method of claim 7, further comprising the start  
2       routine communicating requests to manager module instances in the nodes to start  
3       corresponding services.

1           11.      (Previously Presented) The method of claim 1, wherein causing the  
2       services to be invoked comprises causing one service to be invoked for each software  
3       component.

1           12.      (Cancelled)

1           13.      (Previously Presented) A database system comprising:  
2                   a plurality of nodes;  
3                   software components executable in corresponding nodes, the software  
4       components comprising a query coordinator in each node to process database queries;  
5                   a manager module executable in the database system to invoke services to  
6       control starting of the software components; and  
7                   a start procedure executable in a first one of the nodes to invoke the  
8       services in respective nodes through the manager module.

1           14.      (Previously Presented) The database system of claim 13, wherein the  
2       manager module comprises plural instances executable on corresponding nodes.

1           15.   (Previously Presented) The database system of claim 13, wherein the  
2   manager module comprises a WINDOWS® service control manager.

1           16.   (Previously Presented) The database system of claim 13, wherein the  
2   services comprise WINDOWS® services.

1           17.   (Cancelled)

1           18.   (Cancelled)

1           19.   (Previously Presented) The database system of claim 13, wherein the start  
2   procedure comprises a start service and a program invokable by the start service.

1           20.   (Previously Presented) A database system comprising:  
2               a plurality of nodes;  
3               database software components executable in corresponding nodes; and  
4               a manager module executable to control the database software components  
5   in the plural nodes and to enable a monitoring module to monitor statuses of the database  
6   software components in the nodes.

1           21.   (Previously Presented) An article comprising one or more machine-  
2   readable storage media containing instructions that when executed cause a database  
3   system having plural nodes to:

4               receive a command to start database software components in the plural  
5   nodes;

6               launch a start routine in a first one of the nodes in response to the  
7   command;

8               issue requests, from the start routine, to respective nodes; and

9               in response to the requests, invoke services in respective nodes to start  
10   database software components.

1           22.     (Cancelled)

1           23.     (Previously Presented) The method of claim 1, wherein the processing  
2     system comprises a parallel database system, and wherein starting the selected software  
3     components comprises starting database software components.

1           24.     (Previously Presented) The method of claim 23, wherein starting the  
2     database software components comprises starting a query coordinator in each node to  
3     process database queries.

1           25.     (Previously Presented) The method of claim 24, wherein starting the  
2     database software components comprises starting a data server in each node to control  
3     access of data in storage.

1           26.     (Previously Presented) The method of claim 1, further comprising each  
2     service monitoring a status of a corresponding software component.

1           27.     (Previously Presented) The method of claim 1, further comprising each  
2     service monitoring for termination of a corresponding software component.

1           28.     (Previously Presented) The database system of claim 13, further  
2     comprising a storage,  
3                     wherein the software components further comprise a data server in each  
4     node to control access to data in the storage.

1           29.     (Previously Presented) The database system of claim 13, wherein each  
2     service is adapted to monitor for termination of a corresponding query coordinator.

1           30.     (Previously Presented) The database system of claim 13, wherein the start  
2     procedure is adapted to be invoked in response to a request to start a database application.

1           31.     (Previously Presented) The article of claim 21, wherein starting the  
2 database software components comprise starting a query coordinator to process database  
3 queries and a data server to control access of data in storage in each node.

1           32.     (Previously Presented) The article of claim 21, wherein the instructions  
2 when executed cause the database system to cause each service to monitor for  
3 termination of a corresponding database software component.

1           33.     (Previously Presented) A database system comprising:  
2                   a plurality of nodes;  
3                   database software components executable in corresponding nodes;  
4                   a start procedure executable in a first one of the nodes to invoke services  
5 in respective nodes, and  
6                   wherein the services are executable to start the database software  
7 components.

1           34.     (Previously Presented) The database system of claim 33, further  
2 comprising a storage,  
3                   wherein the database software components comprise a query coordinator  
4 in each node to process database queries, and a data server in each node to control access  
5 of the storage.

1           35.     (Previously Presented) The database system of claim 34, wherein one  
2 service is invoked in each node for each database software component in the node.